Climb the

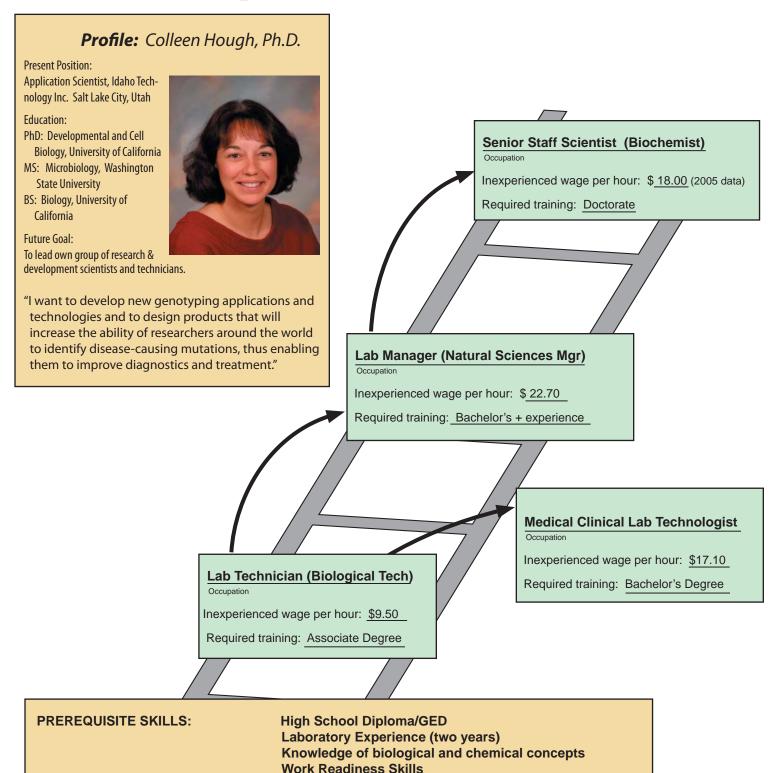
# Biotechnology

Career Ladder



## Biotechnology

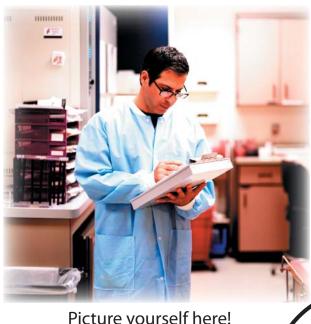
### Sample Career Ladder



#### Build your own

# Biotechnology

Funding:



Picture yourself here!

Inexperienced wage per hour: \$\_

Required training/experience: \_\_\_\_

Target completion date: \_ Training institution: \_\_\_

Funding:

Career [	Ladc	ler

Inexperienced wage per hour: \$ -Required training/experience: — Target completion date: — Training institution: -

1 / /	
Occupation	
Inexperienced wage per hour: \$	
Required training/experience: ————	
Target completion date:	
Training institution:	

Funding:

Occupation
Inexperienced wage per hour: \$
Required training/experience:
Target completion date:
Training institution:
Funding:

**NOTES:** 

#### Biotechnology Career Ladder

Source: Utah Occupational Wages, May 2007 (data collected May 2006)

Department of Workforce Services, Workforce Information. Updated April 2008

				orkforce Information. Updated April 2008
Professional Degree	2004-2014	Hourly Wage	Hourly Wage	e Training
r rolessional Degree	Outlook	Inexperienced	Median	Level
Microbiologists	***	\$16.36	\$22.07	Doctoral Degree
Biochemists and Biophysicists	***	N/A	36.69**	Doctoral Degree
	2004-2014	Hourly Wage	Hourly Wage	
Bachelor's Degree or Higher				
	Outlook	Inexperienced	Median	Level
General and Operations Managers	****	22.27		achelor's or higher + work experience
Engineering Managers	****	33.82	45.29 B	achelor's or higher + work experience
Sales Managers	****	22.73	37.99 B	achelor's or higher + work experience
Marketing Managers	****	23.86		achelor's or higher + work experience
Computer and Information Systems Managers	****	28.00		achelor's or higher + work experience
				achelor's or higher + work experience
Natural Sciences Managers	**	29.36		
Mechanical Engineers	****	26.19	34.69	Bachelor's Degree
Industrial Engineers	****	24.95	27.61	Bachelor's Degree
Computer Systems Analysts	****	21.06	30.22	Bachelor's Degree
Electrical Engineers	****	25.16	35.73	Bachelor's Degree
Biomedical Engineers	***	25.67	34.08	Bachelor's Degree
Chemists		19.21	26.16	Bachelor's Degree
	***			_
Computer Programmers	***	19.41	22.28	Bachelor's Degree
Medical and Clinical Laboratory Technologists	***	17.34	23.22	Bachelor's Degree
Accountants and Auditors	***	17.02	24.04	Bachelor's Degree
High Cabaal/CED   Training	2004-2014	Hourly Wage	Hourly Wage	Training
High School/GED + Training	Outlook	Inexperienced	Median	Level
Electrical and Electronic Engineering Technicians	****	12.43	22.54	Associate Degree
				_
Chemical Technicians	***	11.04	15.92	Associate Degree
Mechanical Engineering Technicians	****	14.32	20.39	Associate Degree
Industrial Engineering Technicians	***	15.85	24.68	Associate Degree
Computer Support Specialists	***	11.47	16.77	Associate Degree
Medical and Clinical Laboratory Technicians	**	9.89	12.61	Associate Degree
Biological Technicians		10.08	13.48	Associate Degree
	**			
Industrial Machinery Mechanics	****	14.99	20.12	Long-term on-the-job training
Compliance Officers, Except Agriculture, Construction, Health & Safety, and Transportation	****	13.32	16.97	Long-term on-the-job training
Sales Representatives, Wholesale and Manufacturing, Except Technical				
and Scientific Products	****	14.33	23.29	Moderate-term on-the-job training
Executive Secretaries and Administrative Assistants	****	12.50	16.10	Moderate-term on-the-job training
		9.56	14.18	
Maintenance and Repair Workers, General Sales Representatives, Wholesale and Manufacturing, Technical	****			Moderate-term on-the-job training
and Scientific Products	****	16.68	26.81	Moderate-term on-the-job training
Customer Service Representatives	***	8.89	11.89	Moderate-term on-the-job training
Secretaries, Except Legal, Medical, and Executive	***	9.13	12.49	Moderate-term on-the-job training
Bookkeeping, Accounting, and Auditing Clerks	***	9.85	13.32	Moderate-term on-the-job training
Production, Planning, and Expediting Clerks	***	10.56	13.52	Short-term on-the-job training
Maintenance Workers, Machinery	***	10.83	16.44	Short-term on-the-job training
Industrial Truck and Tractor Operators	***	9.69	12.47	Short-term on-the-job training
Shipping, Receiving, and Traffic Clerks	***	8.70	11.24	Short-term on-the-job training
Stock Clerks and Order Fillers	***	7.65	10.18	Short-term on-the-job training
Laborers and Freight, Stock, and Material Movers, Hand	***	7.65	10.00	Short-term on-the-job training
Packers and Packagers, Hand	**	6.11	7.20	Short-term on-the-job training
Purchasing Agents, Except Wholesale, Retail, and Farm Products	****	N/A		Work experience in related occupation
		24.04		-
Industrial Production Managers	****			Work experience in related occupation
<b>BIOMANUFACTURING OCCUPATIONS</b>	2004-2014 Outlook	Hourly Wage Inexperienced	Hourly Wage Median	Training Level
Machinists		11.90	18.03	Long-term on-the-job training
	****			
Inspectors, Testers, Sorters, Samplers, and Weighers	****	9.14	13.70	Moderate-term on-the-job training
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	***	8.53	11.55	Moderate-term on-the-job training
Mixing & Blending Machine setters, Operators, and Tenders	***	9.85	12.98	Moderate-term on-the-job training
Team Assemblers	***	8.17	10.52	Moderate-term on-the-job training
Molding, Coremaking, and Casting Machine Setters, Operators & Tenders, Metal & Plastic	***	8.69	11.10	Moderate-term on-the-job training
		8.72	10.78	
Extruding, Forming, Pressing and Compacting Machine Setters, Operators and Tenders	***			Moderate-term on-the-job training
Packaging and Filling Machine Operators and Tenders	***	7.85	10.71	Short-term on-the-job training
Electrical and Electronic Equipment Assemblers	***	8.00	10.24	Short-term on-the-job training
Electromechanical Equipment Assemblers	**	N'A	13.25**	Short-term on-the-job training
First-Line Supervisors/Managers of Production and Operating Workers	****	13.80	21.42	Work experience in related occupation
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For more information, go to: http://www.jobs.utah.gov/careers/biotechnology